AMENDMENTS TO THE CLAIMS

Claims 1-22 (cancelled).

23. (New) A method for speech recognition, comprising:

receiving a digital data representation of speech comprising a stream of binary bits;

grouping sets of the binary bits and mapping each set to a representation of a letter;

grouping the representations of letters into words, the words being separated by a character representation of pause in the speech;

determining the number of syllables in the digital data representation of the speech for a corresponding word; and

searching a library containing a plurality of words according to the representations of letters and the number of syllables of each word, and providing a matched word in response thereto.

24. (New) The method, as set forth in claim 23, wherein grouping sets of the binary bits comprises grouping sets of eight binary bits.

25. (New) The method, as set forth in claim 23, wherein mapping each set of binary bits to a character representation of speech comprises mapping each set of binary bits to an ASCII representation of speech.

26. (New) The method, as set forth in claim 23, wherein mapping each set of binary bits to a representation of a letter comprises querying a table comprising binary bit sets and their respective character representation of speech.

27. (New) The method, as set forth in claim 23, wherein receiving digital data representation of speech comprises receiving the binary bit stream from a sound card.

28. (New) The method, as set forth in claim 23, wherein mapping each set of binary bits to a representation of a letter comprises mapping pause in the speech to a character representation of space.

29. (New) The method, as set forth in claim 23, wherein mapping each set of binary bits to a representation of letter comprises mapping a predetermined number sets of binary bits to a recognized command.

30. (New) The method, as set forth in claim 23, wherein providing a matched word in response to searching the library comprises displaying the matched word on a computer screen.

31. (New) The method, as set forth in claim 23, further comprising:

receiving a user input comprising letters of at least one word; and

storing the user input and associating the letters with the received digital data representation of speech.

32. (New) The method, as set forth in claim 31, wherein receiving a user input comprises receiving user input entered via a keyboard.

33. (New) The method, as set forth in claim 31, wherein receiving a user input comprises receiving user auditory input from a sound card.

34. (New) A method for speech recognition, comprising:

receiving a digital data representation of speech comprising a stream of binary bits;

grouping a consecutive number of the binary bits and mapping each group of binary bits to a letter;

grouping the letters into words, the words being separated by a character representation of pause in the speech;

determining the number of syllables in the digital data representation of the speech for each word; and

searching a library containing a plurality of words according to the character representation and the number of syllables of each word, and providing a matched word in response thereto.

35. (New) The method, as set forth in claim 34, wherein grouping sets of the binary bits comprises grouping eight binary bits for each letter.

36. (New) The method, as set forth in claim 34, wherein mapping each group of binary bits comprises querying a table comprising binary bit groups and their respective character representation of speech.

37. (New) The method, as set forth in claim 34, wherein receiving digital data representation of speech comprises receiving the binary bit stream from a sound card.

38. (New) The method, as set forth in claim 34, wherein mapping each group of binary bits to a letter comprises mapping pause in the speech to a space.

39. (New) The method, as set forth in claim 34, wherein mapping each group of binary bits to a letter comprises mapping at least one group of eight binary bits to a recognized command.

40. (New) The method, as set forth in claim 34, wherein providing a matched word in response to searching the library comprises displaying the matched word on a computer screen.

41. (New) The method, as set forth in claim 34, further comprising:

receiving a user training input comprising letters of at least one word; and

storing the user input and associating the letters with the received digital data representation of speech.

42. (New) The method, as set forth in claim 41, wherein receiving a user training input comprises receiving user input entered via a keyboard.

43. (New) The method, as set forth in claim 41, wherein receiving a user training input comprises receiving user auditory input from a sound card.

44. (New) A speech recognition method, comprising:

receiving a binary bit stream representation of a user's training speech comprising text of known words;

mapping the received binary bit stream to the known words;

storing the mapping of binary bit stream to known words in a binary-to-letter table;

receiving a binary bit stream representation of spoken speech;

grouping each eight binary bits and converting each binary bit group into a letter by querying the binary-to-letter table;

grouping letters into words;

determining the number of syllables in each word; and

searching a library according to the grouped letters and number of syllables and providing a matched word in response thereto.